

## **VIRTUAL ENVIRONMENT SYSTEM**

### **ABSTRACT OF THE INVENTION**

Disclosed is a virtual environment system, comprising an acoustic localizer adapted to  
5 determine the location of sound sources in a local environment, a user data I/O device, a remote  
data I/O device in a remote world, a system controller in data communication with said acoustic  
localizer, user data I/O device, and remote data I/O device, wherein control of said remote data  
I/O device within said remote world are commanded by said system controller in response to  
10 movements of a user as detected by said acoustic localizer, and wherein data acquired from said  
remote world by said remote data I/O device is transmitted to said user.